

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings of claims in the application:

Claims 1-14 (cancelled)

Claim 15 (withdrawn): A method for maintaining interpreter contexts during a voice browsing session, comprising the steps of:

- (a) creating a first interpreter context for a first document;
 - (b) storing the first interpreter context;
 - (c) receiving a request for a second document;
 - (d) obtaining the second document; and,
- repeating steps (a) - (c).

Claim 16 (withdrawn): The method of claim 15 wherein the first interpreter context includes:

an instruction pointer;
a program pointer;
a universal Resource Identifier; and,
document state information.

Claim 17 (withdrawn): The method of claim 15 further including the steps of:
determining whether an interpreter context exists for the second document.

Claim 18 (withdrawn): A voice browser comprising:
a reentrant interpreter maintaining separate contexts of information;
a parser, parsing the information; and,
a compiled document source object generating a intermediary from of the parsed information.

Claim 19 (withdrawn): The voice browser of claim 18 including a cache for storing the intermediary form of the information.

Claim 20 (withdrawn): An apparatus for responding to a Request during a voice browsing session comprising:

- a processor;

- a processor readable storage medium in communication with the processor, containing processor readable program code for programming the apparatus to:

 - retrieve a first document responsive to the Request;

 - create an first interpreter context for the first document, wherein the interpreter context includes a first interpreter context pointer value, a first instruction pointer value, a first state value, and a first tag value;

 - set a current interpreter context pointer to the first interpreter context value;

 - set a current instruction pointer to the first instruction pointer value;

 - set a current state to the first state value; and,

 - set a current tage to the first tag value.

Claim 21 (withdrawn): The apparatus of claim 20 further including processor readable program code for programming the apparatus to:

- check the current state value;

- process the first tag value responsive to the value of the current state value.

Claim 22 (withdrawn): The apparatus of claim 20 further including processor readable program code for programming the apparatus to:

- determine a Request for a second document;

- set the current instruction pointer to a second instruction pointer value; and,

- determine whether the second document is in cache;

- retrieve the second document.

Claim 23 (withdrawn) The apparatus of claim 22 wherein the second document is not located in cache the apparatus further including processor readable program code for programming the apparatus to:

generate an intermediary form of the second document; and,
execute the intermediary form of the second document.

Claim 24 (withdrawn) The apparatus of claim 23 further including processor readable program code for programming the apparatus to:

store the intermediary form of the second document in cache.

Claim 25 (withdrawn) The apparatus of claim 23 wherein execution includes playing audio representing the second document.

Claims 26-30 (cancelled)

Claim 31 (withdrawn): A system for mapping prompts to prerecorded audio, comprising:

an audio prompt database storing at least one prerecorded audio;
code for generating a file identifying the least one prerecorded audio, wherein the file identifies the prerecorded audio using a unique identification; and,
code for organizing the prerecorded audio file into contexts.

Claims 32-33 (cancelled)

Claim 34 (currently amended): An apparatus for provision of audio content to a voice browser during a browsing session, comprising:

a database referencing a plurality of audio segments, each audio segment of the plurality associated with an identifier that uniquely identifies that audio segment;

a prompt audio object for receiving a text string, and determining an audio segment to render for the voice browser by referencing a prompt mapping configuration, and

the prompt mapping configuration comprising a plurality of prompt classes, a plurality of occurrences of a plurality of text strings, each of the occurrences of each text string associated with a prompt class different from the other occurrences of that text string, and a one-to-one association between each of the occurrences and a different one of the audio segment identifiers,

wherein the prompt audio object is configured to receive contextual information about the browsing session, to use the contextual information to determine a prompt class in which to match the received text string to a text string occurrence, to match the received text string to pre-recorded prompt labels by searching only within the prompt class, and to determine to render the audio segment associated with the matched text string occurrence.

Claim 35 (currently amended): A method for provision of audio content to a voice browser during a browsing session, comprising:

receiving a text string to use in identifying an audio segment to render in the voice browser;

receiving contextual information related to the browsing session;

using the contextual information to identify a prompt class of audio segments from a plurality of prompt classes, each of the prompt classes associating a globally unique audio segment identifier with a text string unique within the class;

identifying an audio segment identifier by searching only within the identified prompt class for a text string matching the received text string; and

obtaining an audio segment based on the identified audio segment identifier to render for the voice browser.

Claim 36 (previously presented): The method of claim 35, further comprising selecting an advertisement to render for the voice browser based on the contextual information.

Claim 37 (previously presented): The method of claim 35, further comprising providing a markup language document comprising a first prompt type element defining a first context and a second prompt type element defining a second context, and wherein the

received contextual information is based on a current interpreting context in the markup language document.

Claim 38 (currently amended): A computer readable medium storing instructions for a method comprising:

receiving a text string to use in identifying an audio segment to render in the voice browser;

receiving contextual information related to the browsing session;

using the contextual information to identify a prompt class of audio segments from a plurality of prompt classes, each of the prompt classes associating a globally unique audio segment identifier with a text string unique within the prompt class;

identifying an audio segment identifier by searching only within the identified prompt class for a text string matching the received text string; and

obtaining an audio segment based on the identified audio segment identifier to render for the voice browser.

Claim 39 (previously presented): The computer readable medium of claim 38, wherein the method further comprises selecting an advertisement to render for the voice browser based on the contextual information.

Claim 40 (previously presented): The computer readable medium of claim 38, wherein the method further comprises providing a markup language document comprising a first prompt type element defining a first context and a second prompt type element defining a second context, and wherein the received contextual information is based on a current interpreting context in the markup language document.

Claim 41 (previously presented): A computer readable medium storing instructions for a method comprising:

providing a markup language document comprising at least two context indicating elements, which each define a browser context;

in each browser context of the markup language document, providing a text string comprising one or more words, wherein at least one of the words in each text string is common among the text strings of each browser context, each text string for voice rendering to a voice browser during a browsing session by determining utterances that match words of the text string;

searching within a text string to utterance mapping configuration, wherein each text string/utterance mapping is associated with a browser context, to identify an appropriate audio segment to render for the words in common among the text strings, the search narrowed to search only within text string/utterance mappings associated with the current browser context; and

indicating a matching utterance for rendering to a voice browser.